

REMARKS

Claims 1-12 are pending. An Office Action mailed May 5, 2004 rejected Claims 1-12 under 35 U.S.C. § 102. With regards to 37 CFR § 1.111, Applicant respectfully requests reconsideration of the application.

REJECTION OF CLAIMS 1-12 UNDER 35 U.S.C. § 102.

The Office Action rejected Claims 1-12 as being anticipated by Malachowsky et al. (hereinafter Malachowsky). The Office Action states that Malachowsky discloses determining one or more trapezoids for defining the available display area based on the parameters of the one or more useful display areas, generating an image, determining location of the components of the image relative to the trapezoids and rendering the generated image that are determined to be located within the trapezoids. Applicant respectfully traverses this rejection.

Applicant submits that Malachowsky discloses a method for quickly generating graphics for display using only a single output display buffer. Malachowsky performs rapidly displaying quadrilateral images by handling only information regarding the four vertices of quadrilaterals that make up subportions of the image. Malachowsky breaks the quadrilaterals into subportions to be presented on a display (col. 2-3, lines 52-2). Malachowsky further discloses that if a shape to be decomposed lies only partially within the clipped window, portions of the image outside the clip need not be processed (col. 3, lines 3-18). Applicant submits that Malachowsky is performing graphical decomposition of the image that is to be displayed, but does not perform a graphical decomposition of the display area – determining one or more trapezoids for defining the available display area based on the parameters of the one or more useable display areas. Malachowsky shows in FIGURE 1 that a graphical shape to be displayed is divided into two quadrilaterals which when individually displayed on a computer output device provide the complete original shape. Applicant submits that this original shape is the shape of the image desired to be displayed, but is not the shape of the clipped window (col. 5, lines 26-36). The

available display area of Malachowsky is the clip window, which is a standard rectangular window. Because the display area is a rectangular window, there exists no motivation for determining trapezoids of the display area based on unusable display areas. Malachowsky defines the image and not the area where the image is to be displayed. Therefore, Malachowsky fails to teach or suggest determining one or more trapezoids for defining the available display area and rendering the components of the generated image that are determined to be located within the one or more trapezoids. Therefore, Applicant submits that independent Claims 1, 7, and 10 are allowable over the cited reference. Because Claims 2-6, 8, 9, 11, and 12 depend from allowable independent claims, they are allowable for the same reasons that make their corresponding independent claims allowable.

CONCLUSION

Applicant respectfully submits that all of the claims of the pending application are now in condition for allowance over the cited references. Accordingly, Applicant respectfully requests withdrawal of the rejections, allowance, and early passage through issuance. If the examiner has any questions, the examiner is invited to contact the Applicant's agent listed below.

Respectfully submitted,

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MAIL CERTIFICATE

I hereby certify that this communication is being deposited with the United States Postal Service via first class mail under 37 C.F.R. § 1.08 on the date indicated below addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

6/24/04
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